UTILITY	PATENT	APPLICATION	TRANSMI	(TT2	AL					
(only for new and continuation-in-part										
nonprovi	isional	applications	under	37	CFR					
1.53(b))	,									

Docket No.: P-TB 5072

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application serial no. ______, filed ___

X new utility patent application under 37 CFR 1.53(b)(1).

continuation-in-part under CFR 1.53(b)(2) of prior

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(list entire parentage).

This is a request for filing a

Titl	METHODS FOR PREDICTING FUNCTIONAL AND STRUCTURAL PROPERTIES OF POLYPEPTIDES USING SEQUENCE MODELS							
Inve	ntor(s)(full name of each inventor): Daniel S. Sem, Brian Baker and Mark R. Hansen							
Encl	osed are:							
X X X X 	Return receipt postcard Patent Application Bibliographic Data Sheet 1 Page application cover sheet 265 Pages of specification (includes claims and abstract) 27 Sheets of drawing(s) Pages of an executed Declaration for Patent Application An executed Power of Attorney for Patent Application by Assignee Paper copy of sequence listing, pages through Sequence listing in computer readable form Statement Under 37 CFR 1.821(f) An executed assignment and cover sheet An executed Statement Under 37 CFR 3.73(b) An executed small entity statement Request for Nonpublication and Certification Also enclosed:							
	This application is based on prior foreign application(s) No.(s), filed in on							
	, respectively, and priority is hereby claimed therefrom.							
	This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/, filed, and entitled, and which is incorporated herein by reference.							

Inventor(s): Sem et al.
Docket No.: P-TB 5072

Page 2

This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/_____ (yet to be assigned), filed December 29, 2000, which was converted from U.S. Serial No. 09/753,020, and entitled METHODS FOR PREDICTING FUNCTIONAL AND STRUCTURAL PROPERTIES OF POLYPEPTIDES USING SEQUENCE MODELS, and which is incorporated herein by reference.

The filing fee has been calculated as shown below:

					Rate			F	ee
	Number Filed		Number Extra		Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	32-20	=	12	х	\$9	\$18	=	\$	\$
Indepen- dent Claims	3 - 3	=	0	х	\$42	\$84	=	\$	\$
Multiple Dependent Claims Presented: Yes_X No					\$140	\$280		\$	\$
		BASIC FEE			\$370	\$740			
		TOTAL FEE			\$	\$			

 Α	check	in	the	amount	of	\$	to	cover	the	filing	fee
is enclosed.											

- X The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.
- ____ The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

Address all future communications to:

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USPTO CUSTOMER NO. 23601

Respectfully submitted,

Date: December 28, 2001

Deborah L. Cadena

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Document: Patent Application

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